

Contents

Volume 347

B.D. Zheng	
Decomposition of matrices into commutators of involutions	1
J.-M. Guo and S.-W. Tan	
A conjecture on the second largest eigenvalue of a tree with perfect matchings	9
K.W. Holladay	
The distance matrix eigensystem of an equally spaced row of points	17
M. Bracke, S. Feldmann and D. Prätzel-Wolters	
Parameter depending state space descriptions of index-2-matrix polynomials	59
A. Cossidente and A. Siciliano	
On tangent spaces and external flats to Grassmannians of lines over finite fields	81
R. Drnovšek, H. Radjavi and P. Rosenthal	
A characterization of commutators of idempotents	91
S. Zhang, Z. Jiang and S. Liu	
An application of the Gröbner basis in computation for the minimal polynomials and inverses of block circulant matrices	101
C.-K. Li and H. Schneider	
Orthogonality of matrices	115
J.-L. Shu, Y. Hong and K. Wen-Ren	
A sharp upper bound on the largest eigenvalue of the Laplacian matrix of a graph	123
I. Peng and S. Waldron	
Signed frames and Hadamard products of Gram matrices	131
M.B. Ruskai, S. Szarek and E. Werner	
An analysis of completely positive trace-preserving maps on \mathcal{M}_2	159
M. Wei and W. Guo	
On g -inverses of a bordered matrix: revisited	189
M.-T. Chien, H. Nakazato and P. Psarrakos	
Point equation of the boundary of the numerical range of a matrix polynomial	205
N. McCarthy, D. Ogilvie, I. Spitkovsky and N. Zobin	
Birkhoff's theorem and convex hulls of Coxeter groups	219

Table of Contents continues

Table of Contents continued

A. Greenbaum	
Generalizations of the field of values useful in the study of polynomial functions of a matrix	233
W.F. Trench	
Spectral distribution of generalized Kac–Murdock–Szegő matrices . .	251
J. Haefner and C.J. Pappacena	
Automorphisms of tiled orders	275
F. Lu	
Multiplicative mappings of operator algebras	283
Author index to volume 347	293



This journal is part of **ContentsDirect**, the *free* alerting service which sends tables of contents by e-mail for Elsevier Science books and journals. You can register for **ContentsDirect** online at: www.elsevier.com/locate/contentsdirect

